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1636

IN THE UNITED STATES PATENT OFFICE

APPLICANT: Shih-Chieh Hung	ART UNIT: 1636
APPLICATION No.: 09/761,893	EXAMINER: Jennifer Dunston
FILING DATE: 01/17/2001	

FOR: Method of isolating mesenchymal stem cells

~~DO NOT ENTER: AJD/ (02/05/2009)~~

Attn: ART UNIT 1636  
Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Date: 12/31/2008

AMENDMENT

In response to the last Office Communication mailed on 12/8/2008, please amend the above-identified application as following.

IN THE CLAIMS:

A: Please amend the claims as follows:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method for isolating mesenchymal stem cells from bone marrow aspirate, comprising:

(a) providing a cell mixture comprising mesenchymal stem cells and other cells in a culture medium, said the culturing medium containing factors that stimulate MSCs growth without differentiation and allowing for the selective adherence of only the mesenchymal stem cells to substrate surface;

(b) seeding and culturing the cell mixture in a culture device comprising an upper plate with pores and a lower plate base, said the upper plate, made of the mesenchymal stem cell adhering material, where mesenchymal stem cells adhered and are cultured, and the lower plate base, where the other small-sized cells adhered following passing through the pores in the upper plate; and

P.S. 5/28/09

entered w/ RCE  
5/26/09